BRUHAT BENGALURU MAHANAGARA PALIKE

Executive Engineer (Project-Yelahanka Zone)

MEASURMENT SHEET

***NAME OF THE WORK*:-BALANCE WORKS FOR THE CONSTRUCTION OF ADDITIONAL CLASSROOM,TOILET AND UPGRADATION OF EXISTING 1ST AND 2ND FLOOR YELAHANKA GOVT DEGREE COLLEGE YELAHANKA IN WARD NO-01.**

1st & Part Bill

Name of Agency:- C.N S.MURTHY

Item Number :- 15

Item Name:-Providing and fixing of windows made of pre-painted steel(base steelas per IS 513 of 0.58mm tick galavanized as per IS 277 with zinc of 120GSM) Primer coated with epoxy primer of 5-7 microns thick, finish painted with a polyester paint of 12-16 micron thick and back coated with 5-7 microns thick alkyd backer.Section for outer frame should be of 72x55mm,center mullion should bo of 72x52mm,section of the fixed glass beading should bo of 12x12mm and section of the shutter should be of 48x25mm.Outerand 20mm provision for guard bars/grill fly mesh shutters secxtion should corner bracket.Centre mullion is to be fixed with million cap.Handles latch 2 nos of heavy duty stainless steelpvot hingers shall be provided and S S mesh for fly meash shutter(304 grade).Rubber gaskets are to be provided all around the glass the above frames should be fixed to 10mm square guard bars with 6"(152.4mm)patch complete Double shutter window with vertical mullion 3'0"x4'0"(914.4mmx1219.2mm)outer frame section of 72x52mm shutter frame section size of 48x25mm mullion section size of 72x50mm. (P 305, I No 36.36.1)

SL	Description	Unit	Nos	Length	Breadth	Depth	Qty	Remarks
		Sqm						
	east side w		17	1.85		1.45	45.60	
	w1		1	1.70		1.05	1.79	
	v		1	1.55		1.00	1.55	
	north side w		32	1.85		1.45	85.84	
	GENTS TOILET GF v		4	1.20		0.60	2.88	
	v1		3	0.60		0.60	1.08	
	v2		1	0.75		0.60	0.45	
	w		1	1.80		1.50	2.70	
	FF v		1	1.20		0.60	0.72	
	v1	19/1/19	7	0.60		0.60	2.52	
	SF v		4	1.20		0.60	2.88	
	v1		3	0.60		0.60	1.08	
	v2		1	0.75		0.60	0.45	
	w		1	1.80		1.50	2.70	
	LADIES TOILET GF w		1	1.80		1.50	2.70	
	v		1	1.20		0.60	0.72	
	v1		7	0.60		0.60	2.52	
	FF w		1	1.80		1.50	2.70	
	v		2	1.20		0.60	1.44	
	v1		5	0.60		0.60	1.80	
	SF w		1	1.80		1.50	2.70	

JC 8/1

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

SL	Description	Unit	Nos	Length	Breadth	Depth	Qty	Remarks
	v		1	1.20		0.60	0.72	
	v1		7	0.60		0.60	2.52	
						TOTAL	**170.06**	

Checked
19/1/19.

Contractor Representative

Consultant Representative

Asst Engineer
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Yelahanka ZONE, BBMP

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

BRUHAT BENGALURU MAHANAGARA PALIKE

Executive Engineer (Project-Yelahanka Zone)

MEASURMENT SHEET

NAME OF THE WORK:-BALANCE WORKS FOR THE CONSTRUCTION OF ADDITIONAL CLASSROOM,TOILET AND UPGRADATION OF EXISTING 1ST AND 2ND FLOOR YELAHANKA GOVT DEGREE COLLEGE YELAHANKA IN WARD NO-01.

1st & Part Bill

Name of Agency:- C.N S.MURTHY

Item Number :- 1

Item Name:Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners wherver required smooth rendering, : Providing and removing scaffolding, cost of materials, labour, curing complete as per specifications and direction of the Engineer in charge.for Outside Plastering. (P 114,I No 15.16)

SL	Description	Unit	Nos	Length	Breadth	Depth	Qty	Remarks
		Sqm						
	near septic tank		2x2	5.40	0.80		17.28	
			2x2	2.40	0.80		7.68	
						TOTAL	**24.96**	

Contractor Representative

Consultant Representative

Asst Engineer
Project Division
Yelahanka ZONE , BBMP
9/1/19

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9/1/19

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

BRUHAT BENGALURU MAHANAGARA PALIKE

Executive Engineer (Project-Yelahanka Zone)

MEASURMENT SHEET

***NAME OF THE WORK*:-BALANCE WORKS FOR THE CONSTRUCTION OF ADDITIONAL CLASSROOM,TOILET AND UPGRADATION OF EXISTING 1ST AND 2ND FLOOR YELAHANKA GOVT DEGREE COLLEGE YELAHANKA IN WARD NO-01.**

1st & Part Bill

Name of Agency:- C.N S.MURTHY

Item Number :- 2

Item Name:-Providing Ceramic tiles of approved make, shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment, including cost of materials, labour, curing, complete as per specifications. size of 30x30cms 6mm thick. (P 105, I No 14.36.2)

SL	Description	Unit	Nos	Length	Breadth	Depth	Qty	Remarks
		Sqm						
	Ground Floor wash room							
			1	1.75	1.80		3.15	
			1	4.67	1.73		8.08	
					TOTAL		**11.23**	

Contractor Representative

Consultant Representative

Asst Engineer 8/1/19.
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Yelahanka ZONE , BBMP

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Project Division
Yelahanka Zone
Bangalore

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1st & Part Bill

Name of Agency:- C.N S.MURTHY

Item Number :- 3

Item Name:- Providing Skirting, Dado, rises of steps with colour glazed tiles 6mm thick on 10mm thick cement plaster 1:3 and jointed with white cement slurry over roughj plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, Complete as per specifications. size 30 x 45 cms - 6mm thick with border of size 30x10cms. (P 106, I No 14.41.3)

SL	Description	Unit	Length	Breadth	Depth	Qty	Remarks
		Sqm					
	Ground Floor		2(1.70+2.00)		2.10	15.54	
	store		2(1.70+4.67)		2.10	26.75	
	Deductions		0.75		2.10	-0.78	
			1.10		2.10	-1.15	
					TOTAL	**40.36**	

Contractor Representative

Mecadez Core Technologies Private Limited

Consultant Representative

Asst Engineer 8/1/19
Project Division
Yelahanka ZONE , BBMP

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Project Division
Yelahanka ZONE , BBMP

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

BRUHAT BENGALURU MAHANAGARA PALIKE

Executive Engineer (Project-Yelahanka Zone)

MEASURMENT SHEET

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1st & Part Bill

Name of Agency:- C.N S.MURTHY

Item Number :- 4

Item Name:- Providing rough cement plastering 15mm thick in single coat with cement mortar 1:6 to brick masonry for base of dadooing works with sand of approved quality,providing and removing scaffolding,including cost of materials,labour,curing complete as per specification. (P 114, I No 15.31)

SL	Description	Unit	Nos	Length	Breadth	Depth	Qty	Remarks
		Sqm						
	Ground floor toilet	1	3	2(1.20+1.00)	2.50		33.00	
	Deductions V	1x0.5	-4	0.70	0.60		-0.84	
	D	1x0.5	-3	0.75	2.10		-2.36	
	West side		1	32.50	2.50		81.25	
	Deductions w	1x0.5	-4	0.75	1.80		-2.70	
	V	0.5	-3	1.20	0.60		-1.08	
	D	0.5	-1	1.20	1.85		-1.11	
	Store		1	2(1.50+2.10)	2.50		18.00	
	deduvtions D	0.5	-1	0.75	1.85		-0.69	
	V	0.5	-1	1.20	0.60		-0.36	
	First floor toilet	1	6	2(1.20+0.90)	2.10		26.46	
	Deductions V	1x0.5	-6	0.75	1.85		-4.16	
	West side		1	25.10	2.10		52.71	
	Deductions w	0.5	-7	0.75	1.85		-4.85	
	Store		1	2(1.45+2.38)	2.10		16.08	
	deduvtions D	0.5	-1	0.75	1.85		-0.69	
	Second floor toilet	1	3	2(0.95+1.15)	2.10		26.46	
	Deductions	1x0.5	-4	0.70	0.60		-0.84	
		1x0.5	-3	0.75	1.85		-2.08	
	West side		1	31.10	2.10		65.31	
	Deductions	0.5	-4	0.75	1.80		-3.15	
	Store		1	2(2.12+1.45)	2.10		14.99	
	Deductions	0.5	-1	0.75	1.85		-0.69	
	Ground Floor toilets	1	6	2(1.44+0.97)	2.50		72.30	
	deductions	0.5	-6	0.75	1.80		-4.05	
	west side		1	23.80	2.50		59.50	
	deductions	0.5	-7	0.75	1.85		-4.85	
	store		1	2(2.05+1.45)	2.50		17.50	
	deductions	0.5	-1	0.75	1.85		0.69	
	First Floor	1	3	2(1.24+1.00)	2.10		28.22	
		0.5	-3	0.75	1.85		-2.08	
	west side		1	29.50	2.10		61.95	
		0.5	-4	0.75	1.85		-2.77	
	store		1	2(2.13+1.47	2.10		15.12	
		0.5	-1	0.75	1.85		0.69	
	Second Floor toilets	1	6	2(1.44+0.97)	2.10		60.73	
	deductions	0.5	-6	0.75	1.80		-4.05	
	west side		1	23.80	2.10		49.98	

8/1/19

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

SL	Description	Unit	Nos	Length	Breadth	Depth	Qty	Remarks
	deductions	0.5	-7	0.75	1.85		-4.85	
	store		1	2(2.05+1.45)	2.10		14.70	
	deductions	0.5	-1	0.75	1.85		0.69	
	for wash room (GF)		1	2(1.70+2.00)	2.10		15.54	
	store		1	2(1.70+4.67)	2.10		26.75	
						TOTAL	**710.37**	

Contractor Representative

Consultant Representative

Asst Engineer 28/1/19.
Project Division
Yelahanka ZONE , BBMP

Asst.Executive Engineer
Project Division
Yelahanka ZONE, BBMP

Asst. Executive Enginee
Project Division
Yelahanka Zone
Bangalore

BRUHAT BENGALURU MAHANAGARA PALIKE

Executive Engineer (Project-Yelahanka Zone)

MEASURMENT SHEET

***NAME OF THE WORK*:-BALANCE WORKS FOR THE CONSTRUCTION OF ADDITIONAL CLASSROOM,TOILET AND UPGRADATION OF EXISTING 1ST AND 2ND FLOOR YELAHANKA GOVT DEGREE COLLEGE YELAHANKA IN WARD NO-01.**

1st & Part Bill

Name of Agency:- C.N S.MURTHY

Item Number :- 5

Item Name:-Providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty. Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers including cost of all materials cost oif labour and scaffolding etc complete as per the specifications (P 126, I No 15.106)

SL	Description	Nos	Length	Breadth	Depth	Qty	Remarks
	Ground Floor	1	2(1.70+2.00)	1.25		9.25	
		1	2(4.67+1.70)	1.25		15.92	
					TOTAL	**25.17**	Sqm

Contractor Representative

Consultant Representative

Asst Engineer 8/1/19
Project Division
Yelahanka ZONE , BBMP

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Project Division
Yelahanka ZONE , BBMP

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

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1st & Part Bill

Name of Agency:- C.N S.MURTHY

Item Number :- 6

Item Name:- Providing and applying painting in two coats with plastic Emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications and as per the directions of the Engineer in charge. (with Primer) (P 117, I No 15.51.2)

SL	Description	Unit	Nos	Length	Breadth	Depth	Qty	Remarks
		Sqm						
	Ground Floor		1	2(1.70+2.00)	1.25		9.25	
			1	2(4.67+1.70)	1.25		15.92	
						TOTAL	**25.17**	

Contractor Representative

Consultant Representative

Asst Engineer
Project Division
Yelahanka ZONE , BBMP
8/1/19

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Yelahanka ZONE , BBMP

Asst. Executive Enginee
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Yelahanka Zone
Bangalore

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1st & Part Bill

Name of Agency:- C.N S.MURTHY

Item Number :- 7

Item Name:- Providing and laying in positon plain cement concrete of mix M20 with OPC cement @ 300kgs, with 20mm and down size graded granite metal coarse aggregrates @ 0.69cum and fine aggregates @ 0.43cum,with super plastisiser @ 3 litres confirming to IS 9103-1999 reaffirmed-2008, machine mixed concrete laid in layers not exceeding 15 cms thick will compacted in foundation, plinth and cills including cost of all materials, labour, HOM of machinery curing complete as per specifications. (P 12, I No 4.5)

Pre measurement Date :		2-Nov-18						
SL	**Description**	**Unit**	**Nos**	**Length**	**Breadth**	**Depth**	**Qty**	**Remarks**
		Cum						
	for drain(vent)		1	60.00	0.90	0.20	10.80	
						TOTAL	**10.80**	

Contractor Representative

Consultant Representative

Asst Engineer 2/11/18
Project Division
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Yelahanka ZONE , BBMP

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Project Division
Yelahanka Zone
Bangalore

BRUHAT BENGALURU MAHANAGARA PALIKE

Executive Engineer (Project-Yelahanka Zone)

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1st & Part Bill

Name of Agency:- C.N S.MURTHY

Item Number :- 8

Item Name:-Extra for use of water proofing compound in cement concrete of mix M-20, @ 1kg of compound pe
Bag of cement. (P 14, I No 4.25)

SL	Description	Unit	Nos	Length	Breadth	Depth	Qty	Remark
		Cum						
	secred for terrace		1	6.40	6.40	0.10	4.10	
	head room		1	7.00	3.10	0.10	2.17	
						TOTAL	**6.27**	

Contractor Representative

Consultant Representative

Asst Engineer 8/1/19
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Yelahanka Zone
Bangalore

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1st & Part Bill

Name of Agency:- C.N S.MURTHY

Item Number :- 9

Item Name:- Fixtures Providing and fixing of Door locking arrangements (P XIV, I No 397)

SL	Description	Unit	Nos	Length	Breadth	Depth	Qty	Remarks
		Each						
			6				6.00	
						TOTAL	**6.00**	

Contractor Representative

Consultant Representative

Asst Engineer 8/1/19
Project Division
Yelahanka ZONE , BBMP

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Yelahanka Zone
Bangalore

(11)

BRUHAT BENGALURU MAHANAGARA PALIKE

Executive Engineer (Project-Yelahanka Zone)

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1st & Part Bill

Name of Agency:- C.N S.MURTHY

Item Number :- 10

Item Name:Providing and fixing of Handles powder coated 150mm (P XIV, I No 393)

SL	Description	Unit	Nos	Length	Breadth	Depth	Qty	Remarks
		Each						
	Ground floor		8				8.00	
	First floor		14				14.00	
	Second floor		8				8.00	
						TOTAL	**30.00**	

Contractor Representative

Consultant Representative

Asst Engineer 8/1/19
Project Division
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Yelahanka Zone
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1st & Part Bill

Name of Agency:- C.N S.MURTHY

Item Number :- 11

Item Name:- Providing and fixing of Hinges 5" heavy duty (P XIV, I No 395)

SL	Description	Unit	Nos	Length	Breadth	Depth	Qty	Remarks
		Each						
	Ground floor		12				12.00	
	First floor		20				20.00	
	Second floor		14				14.00	
					TOTAL		**46.00**	

Contractor Representative

Consultant Representative

Asst Engineer 8/1/19
Project Division
Yelahanka ZONE , BBMP

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Yelahanka ZONE, BBMP

Asst. Executive Engineer
Project Division
Yelahanka ZONE
Bangalore

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1st & Part Bill

Name of Agency:- C.N S.MURTHY

Item Number :- 12

Item Name:- Providing and fixing of Hold fasts MS (P XIV, I No 396)

SL	Description	Unit	Nos	Length	Breadth	Depth	Qty	Remarks
		Each						
			6				6.00	
						TOTAL	6.00	

Contractor Representative

Consultant Representative

Asst Engineer 8/1/19
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Yelahanka ZONE , BBMP

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